

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	78	anderson-john.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/03 11:38
S2	44	anderson-d\$.john.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/03 11:44
S3	29	duggan-michael.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/03 11:41
S4	0	duggan-p\$.michael.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/03 11:42
S5	17	duggan-michael-p\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/03 11:42
S6	115	anderson-john-d\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/03 13:54
S7	41880	threshold with detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/03 13:55
S8	480	S7 same direct adj current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/03 13:56

## EAST Search History

S9	8	S8 and (Uninterruptible standby backup) with (power supply source)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/03 14:03
S10	4	("4617473" "5306961").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/03 14:03
S11	95	("4288865"   "4384350"   "4451742"   "4463270"   "4484084"   "4492876"   "4498040").PN. OR ("4617473").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/03 14:04
S12	0	("2005/0088793").URPN.	USPAT	OR	OFF	2006/07/05 10:08
S13	95	("4288865"   "4384350"   "4451742"   "4463270"   "4484084"   "4492876"   "4498040").PN. OR ("4617473").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/05 10:14
S14	17	("4617473"   "4730121"   "4806789"   "4908790"   "5237699"   "5315549"   "5557229").PN. OR ("5886561").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/05 10:36
S15	17	("4341961"   "4617473"   "4654829"   "5157291"   "5187396"   "5336945"   "5341034"   "5446397"   "5550494"   "5748033"   "6002295"   "6040718"   "RE36179").PN. OR ("6566935").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/05 11:02
S16	14	("4617473"   "4647848"   "4654829"   "4806789"   "5049841"   "5157291"   "5333093"   "5410192"   "5493244"   "5600277").PN. OR ("5748033").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/05 11:06
S17	95	("4288865"   "4384350"   "4451742"   "4463270"   "4484084"   "4492876"   "4498040").PN. OR ("4617473").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/05 11:19
S18	642	307/130.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/05 13:53

## EAST Search History

S19	444	inverting adj switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 11:20
S20	149	S19 and (dc or (direct adj current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:30
S21	8798	((dc or (direct adj current)) and switch).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:34
S22	529	S21 and comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 15:18
S23	141	S22 and transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:31
S24	63	S23 and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:32
S25	10	S24 and inverter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:32
S27	87811	((dc or (direct adj current)) with switch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:35

## EAST Search History

S28	3357	S27 and (comparator and inverter and transistor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:36
S29	3119	S28 and (capacitor or hysteresis or filter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 14:37
S30	968	S29 and (DC or (direct adj current) or switch or backup or power or alternate or alternative).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 15:18
S31	798	uninterruptible with power with (dc or (direct adj current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 15:18
S33	169	S31 and (comparator compare)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/05 15:18
S34	14	(US-20050088793-\$ or US-20040124709-\$).did. or (US-5306961-\$ or US-6597073-\$ or US-5793230-\$ or US-6995599-\$ or US-6970032-\$ or US-6002295-\$ or US-5748033-\$ or US-5886561-\$ or US-4617473-\$ or US-6566935-\$ or US-5341034-\$ or US-6744151-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/07/06 09:33
S35	3	S34 and filter	US-PGPUB; USPAT	OR	ON	2006/07/06 09:36
S36	7	S34 and capacitor	US-PGPUB; USPAT	OR	ON	2006/07/06 09:36
S37	5	S36 not S35	US-PGPUB; USPAT	OR	ON	2006/07/06 09:36
S38	20	("4617473"   "4686388"   "4779037"   "4806789"   "5103157"   "5157291"   "5341034"   "5570061"   "5748033"   "5796297").PN. OR ("6002295").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/06 09:47

## EAST Search History

S39	1347	differential with power with comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 09:47
S40	818	S39 and transistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 09:48
S41	618	S40 and (switch switched switching switches)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 09:48
S42	441	S41 and (filter capacitor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 09:53
S43	256	S42 and (DC or (direct adj current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 09:54
S44	17	("4617473"   "4730121"   "4806789"   "4908790"   "5237699"   "5315549"   "5557229").PN. OR ("5886561").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/06 10:43
S45	17	("4341961"   "4617473"   "4654829"   "5157291"   "5187396"   "5336945"   "5341034"   "5446397"   "5550494"   "5748033"   "6002295"   "6040718"   "RE36179").PN. OR ("6566935").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/06 10:47
S47	445	inverting adj switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 11:21

## EAST Search History

S48	149	S47 and ((direct adj current) or DC)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/06 11:21
S49	17	("4617473"   "4730121"   "4806789"   "4908790"   "5237699"   "5315549"   "5557229").PN. OR ("5886561").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/06 14:56
S50	137	transistors near2 series with (benefit advantage)	USPAT	OR	ON	2006/07/06 15:29
S51	120	inverter with comprise with comparator	USPAT	OR	ON	2006/07/06 15:30
S52	17165	comparator with inverter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:19
S53	1731	S52 and direct with current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:19
S54	196	comparator with inverter with comprises	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:19
S55	9	S54 and (direct with current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:21
S56	187	S54 not S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:46
S57	3719	inverter.ti. and comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 11:46

## EAST Search History

S58	1262	S57 and (DC or (direct adj current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 13:15
S59	4947	(logic logical digital) with inverter same comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 13:17
S60	1824	S59 and (dc or (direct adj current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 13:16
S61	2491	((logic logical digital) with inverter). ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 13:17
S62	276	S61 and comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 13:41
S63	15036	inverting adj amplifier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 13:43
S64	6	S63 and ((benefit advantage) same (logical logic) near2 inverter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 13:47
S65	81	S63 same (logical logic) near2 inverter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 13:47

## EAST Search History

S66	1930	S63 same comparator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 13:47
S67	1364	comparator with capacitor with resistor with series	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 15:57
S68	358	307/80.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 15:57
S69	899	327/407-408.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/07 15:57
S70	84	307/43-87.ccls. and (inverting near2 amplifier) and inverter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/09 10:26
S71	19	("4617473"   "4730121"   "4806789"   "4908790"   "5237699"   "5315549"   "5557229").PN. OR ("5886561").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/09 12:12